

## DECLARATION FOR PATENT APPLICATION

As a below named inventor, I declare that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### **Nucleic Acids, Proteins, and Antibodies**

the specification of which is being filed concurrently herewith.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

Priority Claimed  
Yes                  No

(Number)	(Country)	(Day/Month/Year Filed)
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I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

Application Number	Filing Date
60/179,065	31-Jan-2000
60/180,628	04-Feb-2000
60/214,886	28-Jun-2000
60/217,487	11-Jul-2000
60/225,758	14-Aug-2000
60/220,963	26-Jul-2000
60/217,496	11-Jul-2000
60/225,447	14-Aug-2000
60/218,290	14-Jul-2000
60/225,757	14-Aug-2000
60/226,868	22-Aug-2000
60/216,647	07-Jul-2000
60/225,267	14-Aug-2000
60/216,880	07-Jul-2000
60/225,270	14-Aug-2000
60/251,869	08-Dec-2000
60/235,834	27-Sep-2000

60/234,274	21-Sep-2000
60/234,223	21-Sep-2000
60/228,924	30-Aug-2000
60/224,518	14-Aug-2000
60/236,369	29-Sep-2000
60/224,519	14-Aug-2000
60/220,964	26-Jul-2000
60/241,809	20-Oct-2000
60/249,299	17-Nov-2000
60/236,327	29-Sep-2000
60/241,785	20-Oct-2000
60/244,617	01-Nov-2000
60/225,268	14-Aug-2000
60/236,368	29-Sep-2000
60/251,856	08-Dec-2000
60/251,868	08-Dec-2000
60/229,344	01-Sep-2000
60/234,997	25-Sep-2000
60/229,343	01-Sep-2000
60/229,345	01-Sep-2000
60/229,287	01-Sep-2000
60/229,513	05-Sep-2000
60/231,413	08-Sep-2000
60/229,509	05-Sep-2000
60/236,367	29-Sep-2000
60/237,039	02-Oct-2000
60/237,038	02-Oct-2000
60/236,370	29-Sep-2000
60/236,802	02-Oct-2000
60/237,037	02-Oct-2000
60/237,040	02-Oct-2000
60/240,960	20-Oct-2000
60/239,935	13-Oct-2000
60/239,937	13-Oct-2000
60/241,787	20-Oct-2000
60/246,474	08-Nov-2000
60/246,532	08-Nov-2000
60/249,216	17-Nov-2000
60/249,210	17-Nov-2000
60/226,681	22-Aug-2000
60/225,759	14-Aug-2000
60/225,213	14-Aug-2000
60/227,182	22-Aug-2000
60/225,214	14-Aug-2000
60/235,836	27-Sep-2000
60/230,438	06-Sep-2000
60/215,135	30-Jun-2000

60/225,266	14-Aug-2000
60/249,218	17-Nov-2000
60/249,208	17-Nov-2000
60/249,213	17-Nov-2000
60/249,212	17-Nov-2000
60/249,207	17-Nov-2000
60/249,245	17-Nov-2000
60/249,244	17-Nov-2000
60/249,217	17-Nov-2000
60/249,211	17-Nov-2000
60/249,215	17-Nov-2000
60/249,264	17-Nov-2000
60/249,214	17-Nov-2000
60/249,297	17-Nov-2000
60/232,400	14-Sep-2000
60/231,242	08-Sep-2000
60/232,081	08-Sep-2000
60/232,080	08-Sep-2000
60/231,414	08-Sep-2000
60/231,244	08-Sep-2000
60/233,064	14-Sep-2000
60/233,063	14-Sep-2000
60/232,397	14-Sep-2000
60/232,399	14-Sep-2000
60/232,401	14-Sep-2000
60/241,808	20-Oct-2000
60/241,826	20-Oct-2000
60/241,786	20-Oct-2000
60/241,221	20-Oct-2000
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60/232,398	14-Sep-2000
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60/249,209	17-Nov-2000
60/246,527	08-Nov-2000
60/246,523	08-Nov-2000
60/246,524	08-Nov-2000
60/246,478	08-Nov-2000
60/246,609	08-Nov-2000
60/246,613	08-Nov-2000
60/249,300	17-Nov-2000

60/249,265	17-Nov-2000
60/246,610	08-Nov-2000
60/246,611	08-Nov-2000
60/230,437	06-Sep-2000
60/251,990	08-Dec-2000
60/251,988	05-Dec-2000
60/251,030	05-Dec-2000
60/251,479	06-Dec-2000
60/256,719	05-Dec-2000
60/250,160	01-Dec-2000
60/251,989	08-Dec-2000
60/250,391	01-Dec-2000
60/254,097	11-Dec-2000
60/231,968	12-Sep-2000
60/226,279	18-Aug-2000
60/186,350	02-Mar-2000
60/184,664	24-Feb-2000
60/189,874	16-Mar-2000
60/198,123	18-Apr-2000
60/227,009	23-Aug-2000
60/235,484	26-Sep-2000
60/190,076	17-Mar-2000
60/209,467	07-Jun-2000
60/205,515	19-May-2000
60/259,678	05-Jan-2001

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(b) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

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(Application Serial No.)

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(Filing Date)

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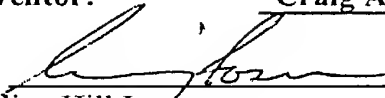
(Status: patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: James H. Davis (Reg. No. 40,582), Kenley K. Hoover (Reg. No. 40,302), Joseph J. Kenny (Reg. No. 43,710), Jonathan L. Klein (Reg. No. 41,119), and Michele M. Wales (Reg. No. 43,975) of Human Genome Sciences, Inc., 9410 Key West Avenue, Rockville, Maryland, 20850.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Full name of first joint inventor:** Craig A. Rosen

Inventor's signature: 

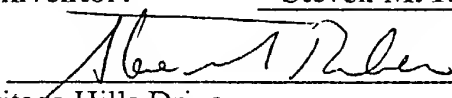
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**Full name of second joint inventor:** Steven M. Ruben

Inventor's signature: 

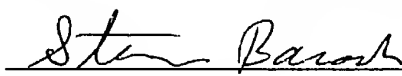
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Citizenship: US

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**Full name of third joint inventor:** Steven C. Barash

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Rosen et al.

Attorney Docket No.: PC001C1

Application Serial No.: Not Yet Assigned

Art Unit: Not Yet Assigned

Filed: Herewith

Examiner: Not Yet Assigned

Title: Nucleic Acids, Proteins, and Antibodies

**ASSOCIATE POWER OF ATTORNEY**


Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned attorney of record hereby appoints the Practitioners at Customer Number **22195** as associate attorneys/agents to prosecute the application identified above, including any continuation or divisional applications, and to transact all business in the United States Patent and Trademark Office connected therewith.

Respectfully submitted,

Dated: February 14, 2002



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